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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/054,597	04/03/1998	JOACHIM POSEGGA	2345/39	2757

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EXAMINER

ESCALANTE, OVIDIO

ART UNIT

PAPER NUMBER

2645

DATE MAILED: 10/27/2003

24

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/054,597

Applicant(s)

POSEGGA, JOACHIM

Examiner

Ovidio Escalante

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 July 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is in response to applicant's amendment filed on July 22, 2003. **Claims 1-20** are now pending in the present application.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 1,2,5,7 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Ahlin et al. U.S. Patent 5,321,840 (hereinafter Ahlin).

Regarding claim 1, Ahlin discloses of an apparatus (user terminal 2,10 and network server 8) for using a service made available in a telecommunications network (Ahlin discloses e.g. of the service being a financial service which is made available to the user; col. 7, lines 32-50; col. 11, lines 42-52), the apparatus comprising:

at least one network server (8) having a user interface program, (col. 7, lines 32-48; col. 11, lines 42-49), (The network server, which is the host computer, has series of application programs for use by a terminal (telephone-computer 2 or PC terminal 10)), the user interface program being-configured to implement the service, (col. 7, lines 32-50; col. 11, lines 37-52);

a user-side terminal (2 – Fig. 1), the user side terminal being capable of connection to the at least one network server, (Fig. 1, col. 7, lines 35-42; col. 11, lines 42-49), (The user may connect and communicate to the network server via conventional telephone lines as shown);

a control and operating device (10) executing a user interface to control and operate the service, (col. 7, lines 42-50; col. 8, lines 9-28), (the user terminal will operate the program (service) that was downloaded from the network server by providing instructions to the user);

wherein the control and operating device is assigned to the user-side terminal (telephone-computer) and the at least one network server transmits (downloads) the user interface program to the control and operating device before service is used, (col. 11, lines 37-65), the user side terminal capable of being independent of the service so that the service does not depend upon an associated application previously stored in the user-side terminal, (the user side terminal is independent of the service since the service is downloaded every time a user requests the service and the service does not check for prior versions stored in the user-side terminal).

Regarding claim 2, Ahlin teaches the user side terminal includes a telephone (2), (Fig. 1).

Regarding claim 5, Ahlin teaches of the microphone in the telephone being used for inputting speech and the control and operating device is used for displaying text, (col. 7, line 64-col. 8, line 52).

Regarding claim 7, Ahlin teaches the control and operating device includes a computer (10), (Fig. 1).

Regarding claim 10, Ahlin discloses of a method using a service made available in a telecommunications network wherein at least one network server stores at least one user interface program, (col. 7, lines 32-48; col. 11, lines 42-49), the at least one user interface program providing operating functionality, said method comprising:

using a user-side control and operating device (10) to request the at least one user interface program to be transmitted from the at least one network server to the control and operating device before the service is used, (col. 11, lines 42-49); and

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executing the user interface program by the control and operating device, so that an operator can control and operate the service through a user interface, (col. 7, lines 35-42; col. 11, lines 37-52),

wherein the user-side control and operating device or terminal is configured independent of the service, (col. 8, lines 9-28; col. 11, lines 37-65) so that the service does not depend upon an associated application previously stored in the user-side terminal.

Claim Rejections - 35 USC § 103

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 3-4, 6, 8-9 and 11-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ahlin in view of Dekelbaum U.S. Patent 5,838,682.

Regarding claims 3, while Ahlin teaches of being able to provide the user with as many various services, Ahlin does not expressly teach of the service including a speech recognition system.

Dekelbaum teaches of a system which provides Internet applications to the user. Dekelbaum further teaches of the system comprises of a speech recognition system, (col. 14 lines 38 – 40). The system receives user inputs from the user telephone and uses the user's speech for playback to an operator or to send to a speech recognition system to input the speech from the user onto the screen for display to an operator. All user inputs whether by DTMF or speech is sent to the operator workstation.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Ahlin by using speech recognition in the system as

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taught by Dekelbaum so that the system can display speech in the form of text to the user and so that the user can verbally respond to the received service.

Regarding claim 4, Ahlin, as applied above, teaches of connecting to the network server via a conventional telephone line. Ahlin does not expressly teach of the apparatus comprising an ISDN line connected to the at least one network server.

Dekelbaum teaches connecting to the network server a via an ISDN connection. Dekelbaum further teaches a first channel of the ISDN line being assigned to the user side terminal and a second channel of the ISDN line being assigned to the control and operating device, (col. 6, lines 44 – 62, col. 14, lines 58 – 61).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Ahlin by using and ISDN connection as taught by Dekelbaum so that there can be a faster connection and data speed, between the user device and network server.

Regarding claims 6, 8, 9, 11 and 13, Ahlin does not expressly teach of the control and operating device or the terminal including a JAVA processor or a JAVA execution-time environment.

Dekelbaum teaches of using JAVA in the system, (col. 12 lines 35 – 36). JAVA is used for sending to the user applets with the program.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Ahlin by using JAVA so that programs can be left on web pages which will allow the programs to be downloaded over the Internet.

Regarding claim 12, Ahlin, as applied to claim 11, does not expressly teach of the service providing processing of speech into text.

Dekelbaum teaches of speech-to-text conversion and the display of the text being carried out using the control and operating device and conversion of speech into text being carried out by the at least one network server, (col. 14, lines 32 – 48).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Ahlin by using speech recognition in the system as taught by Dekelbaum so that the system can display speech in the form of text to the user.

Regarding claim 14, Ahlin does not teaches of the user interface program being transmitted as a JAVA applet or of speech to text conversions, as applied above.

Dekelbaum teaches of transmitting user programs as JAVA applets, (col. 12, lines 35 – 36). Dekelbaum further teaches of speech-to-text conversion and the display of the text being carried out using the control and operating device and conversion of speech into text being carried out by the at least one network server, (col. 14, lines 32 – 48).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Ahlin by providing JAVA applets so that the network server can send programs to the user through the Internet and it would have been obvious to further modify the system by providing speech to text conversions so that the user responses via the user terminal can be displayed on a terminal screen.

6. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Moss in view of Bergler et al. US Patent 5,717,927.

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Regarding claims 15, Moss discloses of an apparatus (network host, user terminal) for using a service in a telecommunication network, the apparatus comprising:

means for providing at least one user interface providing an operating functionality, (col. 18, lines 49-55), (The network server provides a user interface program which is operable on the user terminal);

means for serving a network and for storing at least one user-interface, (col. 18, lines 49-55), (The network host will retrieve the user interface from the internal memory);

means for requesting transmission of the at least one user-interface to the means for requesting, before the service is used, (col. 18, lines 44-50), (When the user request a user the network host will transmit the user the requested service);

means for executing the at least one user interface so that the service is controllable and operable by the user through the at least one user interface, (col. 18, lines 54-60).

While Moss does not specifically teach of removing the user interface after the service is used, Moss teaches of having a system that stores user interface programs and when a user connects to a network server the server will download a new user interface program to the user if the stored program is outdated. One skilled in the art would have known that the old user interface would have to be “removed” or replaced so that the new user interface can be used. Moss also teaches that the system send new applications to the user so that they will not use old application, therefore, there is obviously a means to remove the old program.

Nonetheless, Bergler teaches that it was well known in the art to store downloaded programs in the RAM or erasable memory and to remove the program after it is used, (col. 2, lines 46-54).

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Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Ahlin by removing the user interface as taught by Bergler so that memory space can be reduced.

7. Claims 16-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Moss in view of Bergler and further in view of Dekelbaum.

Regarding claims 16 and 17, Moss and Bergler do not teach of the user interface program being transmitted as a JAVA applet or of speech to text conversions, as applied above.

Dekelbaum teaches of transmitting user programs as JAVA applets, (col. 12, lines 35 – 36). Dekelbaum further teaches of speech-to-text conversion and the display of the text being carried out using the control and operating device and conversion of speech into text being carried out by the at least one network server, (col. 14, lines 32 – 48).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Moss by providing JAVA applets so that the network server can send programs to the user through the Internet and it would have been obvious to further modify the system by providing speech to text conversions so that the user responses via the user terminal can be displayed on a terminal screen.

Regarding claim 18, Dekelbaum teaches of a system which comprises of a speech recognition system, (col. 14, lines 38 – 40). The system receives user inputs from the user telephone and uses the user's speech for playback to an operator or to send to a speech recognition system to input the speech from the user onto the screen for display to an operator.

Dekelbaum further teaches of a first channel of the ISDN line being assigned to the user side terminal and a second channel of the ISDN line being assigned to the control and operating device, (col. 6, lines 44 – 62, col. 14, lines 58 – 61).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Moss by using an ISDN connection as taught by Dekelbaum so that there can be a faster connection and data speed, between the user device and network server.

Regarding claim 19, Moss teaches of a telephone including a microphone for inputting speech and the control and operation device including a computer to display text, (col. 18, lines 49-51). Also the Examiner notes that a telephone inherently has a microphone for inputting speech and the control and operating device displays to the user the interface program.

Regarding claim 20, Moss does not specifically teach of the control and operating device or the terminal including a JAVA processor or a JAVA execution-time environment.

Dekelbaum teaches of using JAVA in the system, (col. 12 lines 35 – 36). JAVA is used for sending to the user applets with the program.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Moss by using JAVA so that programs can be left on web pages which will allow the programs to be downloaded over the Internet.

Response to Arguments

8. Applicant's arguments with respect to claims 1-40 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

10. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9306, (for formal communications intended for entry)

Or:

(703) 872-9314, (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

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Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ovidio Escalante whose telephone number is (703) 308-6262. The examiner can normally be reached on Monday to Friday from 6:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang, can be reached on (703) 305-4895. The fax phone number for this Group is (703) 872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [fan.tsang@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Ovidio Escalante
Examiner
Group 2645
October 16, 2003

FAN TSANG
SUPERVISING PATENT EXAMINER
TECHNOLOGY CENTER 2600

